

## ABSTRACT OF THE DISCLOSURE

A dishwasher control method and dishwasher using the same is provided, by which product cost of the dishwasher is reduced as well as a water supply amount is optimized. The method includes steps of supplying water to a washtub for a first predetermined time period; driving a wash motor when the first predetermined time period has elapsed;  
5 determining an electrical characteristic of the driven wash motor; comparing a value indicative of the determined electrical characteristic with a predetermined value indicative of a desired electrical characteristic of the wash motor; and discontinuing the water supplying step if the determined electrical characteristic value is not less than the predetermined value  
10 for a second predetermined time period. If the determined electrical characteristic value fails to reach the predetermined value before a lapse of a third predetermined time period, the wash motor is stopped and a water supply error message is displayed.